PATENT ATTY. REF. NO. P0468

## THE LEMITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jun Tian

Serial No.: 10/035,830

Filed: October 18, 2001

Examiner: A. Sheikh

For: CONTENT AUTHENTICATION AND

RECOVERY USING DIGITAL

WATERMARKS

Date: September 9, 2003

Art Unit 2131

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William Y. Conwell Attorney for Applicant

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Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449 and copies are enclosed.

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

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Date: September 9, 2003

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Respectfully submitted,

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INFORMATION
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27-41, April, 2001.

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Applicant: Jun Tian

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**US Patent Documents** Ex'r Number Date **Inventor** Class Initial 4750173 6/7/88 Bluthgen RECEIVED 5146457 9/8/92 Veldhuis et al. 6192138 2/20/01 Yamadaji SEP 1 5 2003 6215421 4/10/01 Kondo et al. 6278791 8/21/01 Honsinger et al. Technology Center 2100 6490681 12/3/02 Kobayashi et al. 2/18/03 6523114 Barton 6546139 4/8/03 Kondo et al. 2001/0021260 9/13/01 Chung et al. 2001/0044899 11/22/01 Levy 12/20/01 2001/0054146 Carro et al. 3/7/02 2002/0027994 Katayama et al. 2002/0040433 4/4/02 Kondo 5/16/02 2002/0059520 Murakami et al. 6/27/02 2002/0083324 Hirai 2002/0171853 11/21/02 Wu **Foreign Patent Documents** Ex'r Number Country Class Date Initial 99/17537 4/8/99 WO Other References Ex'r Initial Cite De Vleeschouwer et al, "Circular interpretation of histogram for reversible watermarking," IEEE Fourth Workshop on Multimedia Signal Processing, pp. 345-50, October, 2001. Fridrich et al, "Invertible authentication," Proc. SPIE, Vol. 4314, pp. 197-208, January, 2001. Fridrich et al, "Invertible authentication watermark for JPEG images," Proc. IEEE Int'l Conf on Information Technology: Coding and Computing, pp. 223-7, April, 2001. Goljan et al, "Distortion-free Data Embedding," 4th Information Hiding Workshop, LNCS vol. 2137, pp.

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